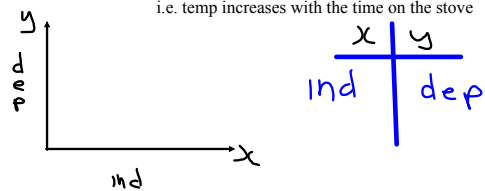


2.2 Tables of Values, Patterns, and Graphs p. 105-109

Relationship - when two quantities are related in some way

Variables - values that change in a relationship

Dependent Variable - the variable that changes when the other variable is manipulated
i.e. temp increases with the time on the stove



Dependent variable is always on the y axis
Independent Variable is always on the x axis

Feb 14-8:10 AM

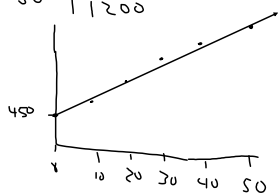
$Cost = 450 + 15 / person$ p106

Ind = # of people
Dep = Cost

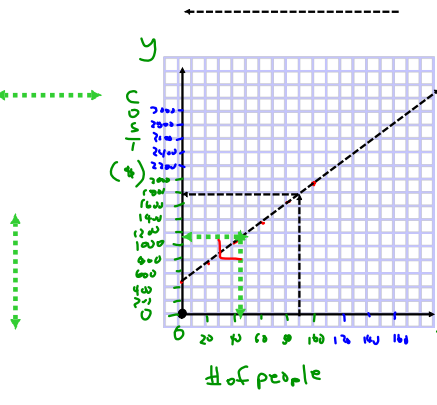
x # of people	y Cost
0	450
10	600
20	750
30	900
40	1050
50	1200

$Cost = 450 + 15(10)$
 $Cost = 450 + 150$
 $Cost = 600$

$Cost = 450 + 15(20)$
 $Cost = 450 + 300$
 $Cost = 750$



Feb 14-1:41 PM



Interpolate
= predict using info with the data on your graph

Extrapolate
= predict using info beyond the data on your graph

Feb 28-8:46 AM

When the relationship creates a straight line on a graph it is called Linear

please complete q. 2-7,9,11 p 107- 108

Feb 14-8:17 AM

Feb 28-9:01 AM